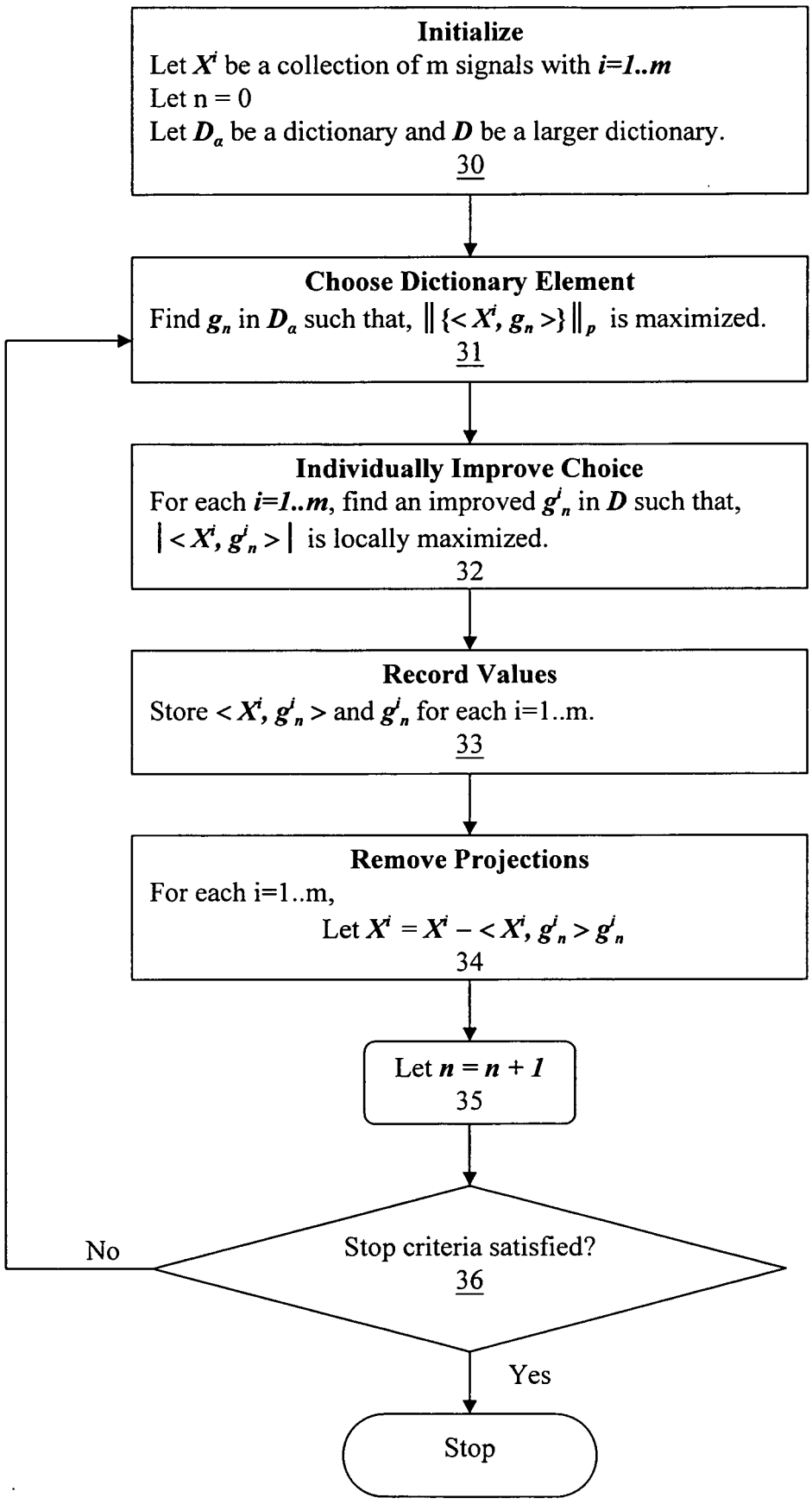
Initialize
Let X^i be a collection of m signals with $i=1..m$
Let n = 0
Let D_a be a dictionary and D be a larger dictionary.
30
Choose Dictionary Element
Find g_n in D_a such that, $\| \{< X^i, g_n >\} \|_p$ is maximized.
31
Individually Improve Choice
For each $i=1..m$, find an improved g^i_n in D such that,
$| < X^i, g^i_n > |$ is locally maximized.
32
Record Values
Store $< X^i, g^i_n >$ and g^i_n for each i=1..m.
33
Remove Projections
For each i=1..m,
Let $X^i = X^i - < X^i, g^i_n > g^i_n$
34
Let $n = n + 1$
35
Stop criteria satisfied?
36
No
Yes
Stop

FIG. 3